

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117146.D
 Acq On : 18 Sep 2019 14:32
 Operator : HP/JU
 Sample : K4524-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:13:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

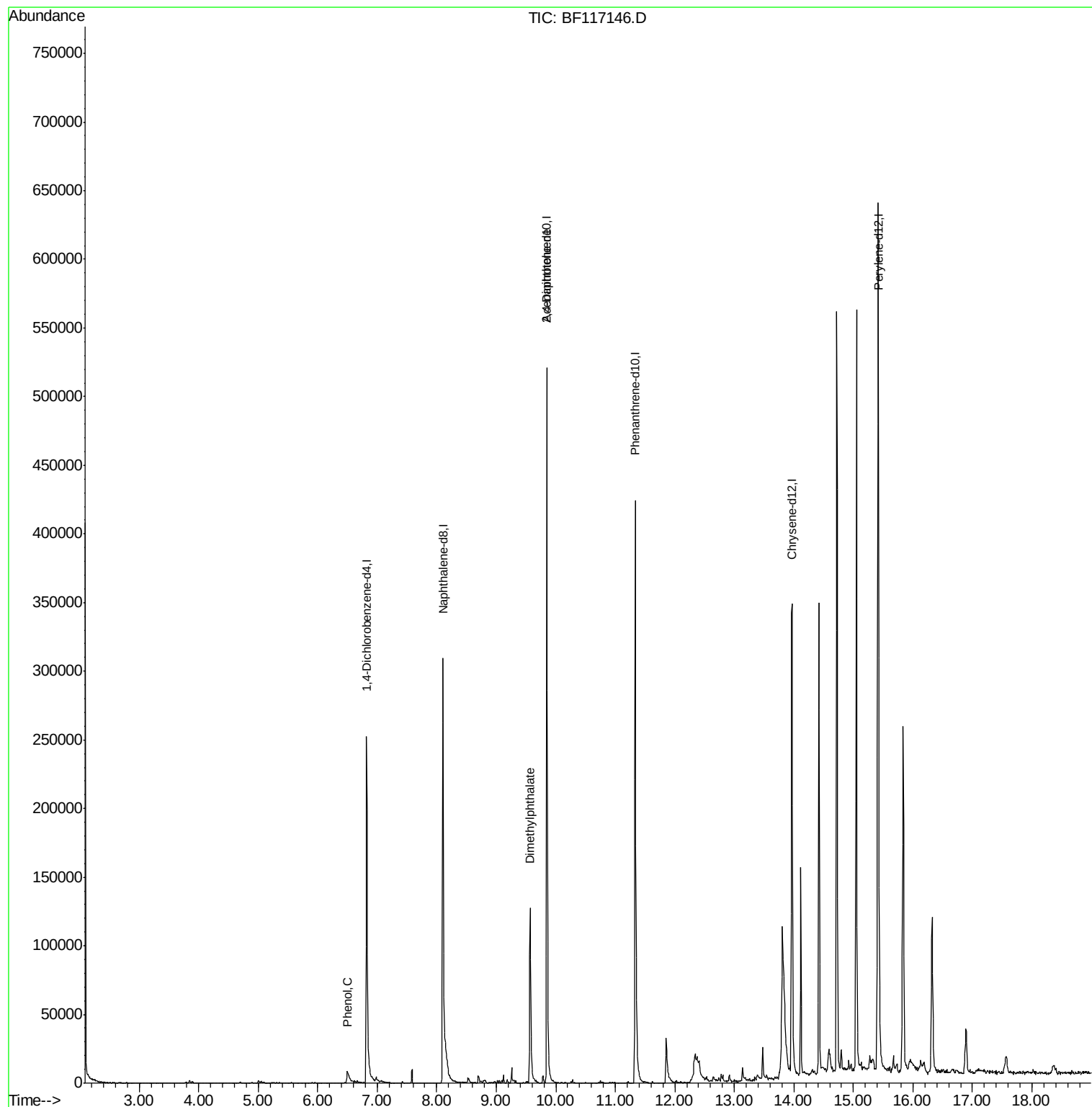
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	54057	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	244415	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	129426	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	215037	20.00	ng	0.00
76) Chrysene-d12	13.97	240	152957	20.00	ng	0.00
87) Perylene-d12	15.42	264	135069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.50	99	461	0.10	ng	0.04
23) Nitrobenzene-d5	7.43	82	108	0.02	ng	0.05
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.19	172	2105	0.25	ng	0.01
79) Terphenyl-d14	12.92	244	3103	0.38	ng	0.00
Target Compounds						
10) Phenol	6.50	94	15078	3.057	ng	79
50) Dimethylphthalate	9.57	163	83973	9.163	ng	98
57) 2,4-Dinitrotoluene	9.85	165	16618	6.859	ng	# 18

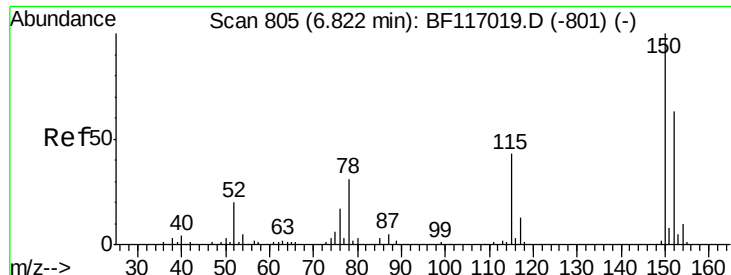
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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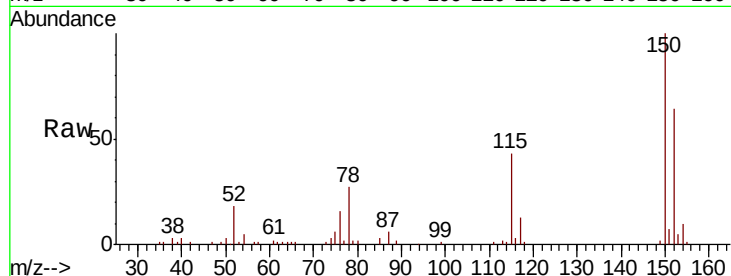


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117146.D
 Acq: 18 Sep 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.5	191.3
115	67.3	55.0	82.4

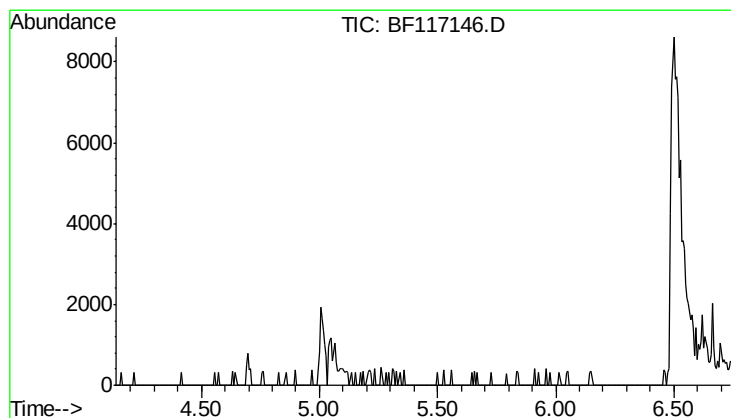
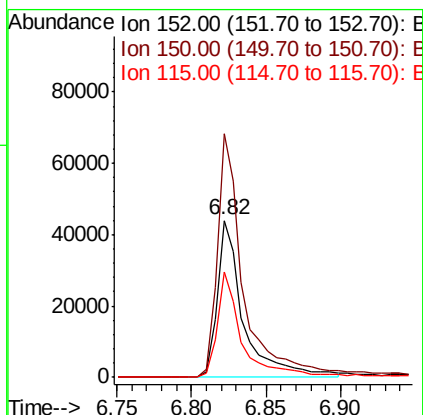
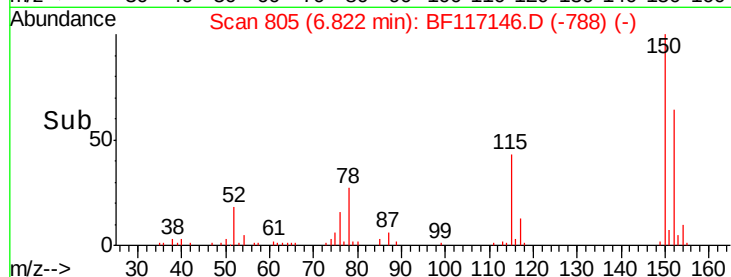


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

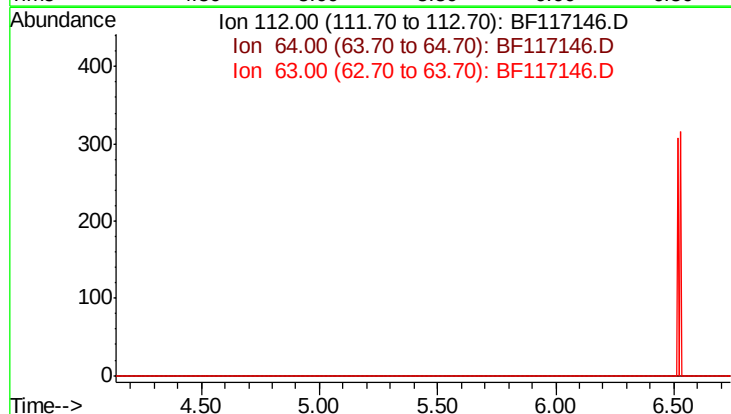


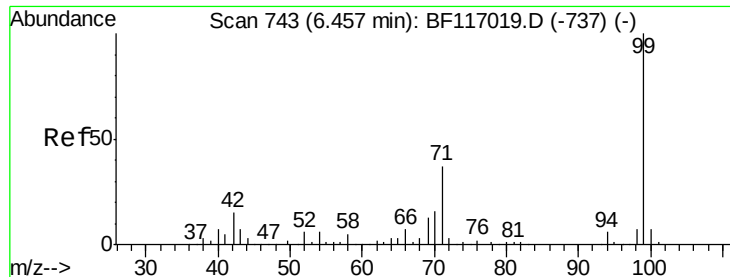
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.44 min

Lab File: BF117146.D
 Acq: 18 Sep 2019 14:32

Tgt Ion	Sig	Exp Ratio
112	100	
64	57.1	
63	31.1	





#7

Phenol-d6

Concen: 0.103 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.04 min

Lab File: BF117146.D

Acq: 18 Sep 2019 14:32

Instrument :

BNA_F

ClientSampleId :

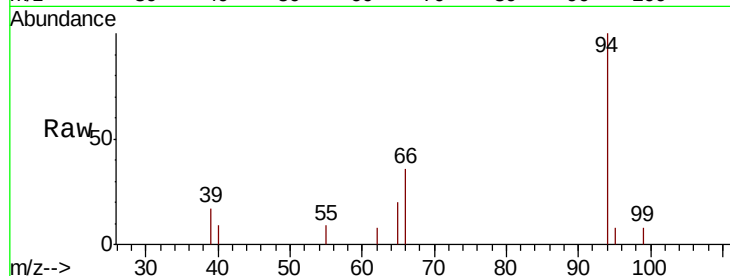
Tot Ion: 99 Resp: 461

Ion Ratio Lower Upper

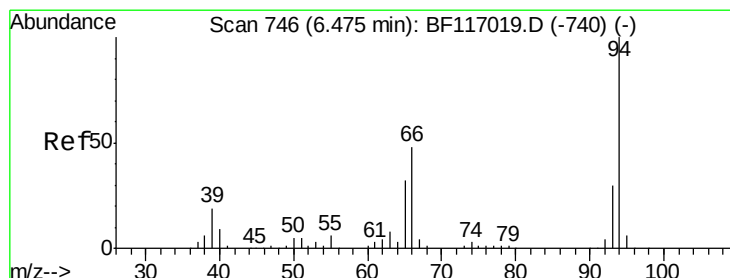
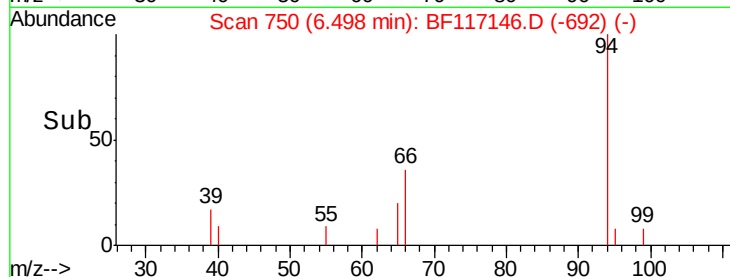
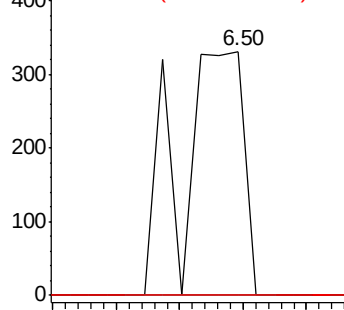
99 100

42 0.0 12.2 18.2#

71 0.0 29.8 44.8#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.057 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF117146.D

Acq: 18 Sep 2019 14:32

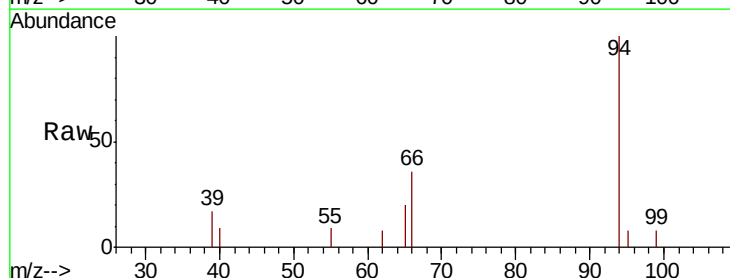
Tgt Ion: 94 Resp: 15078

Ion Ratio Lower Upper

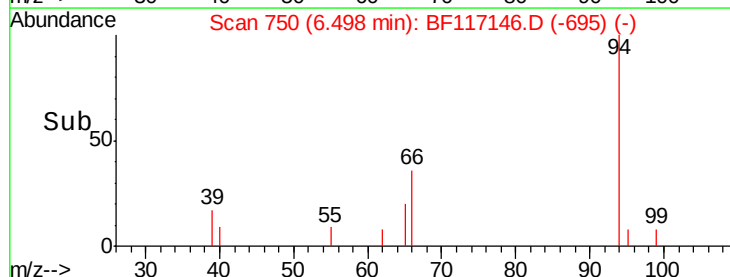
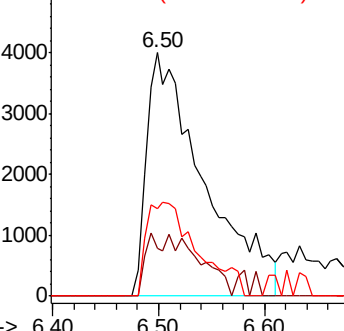
94 100

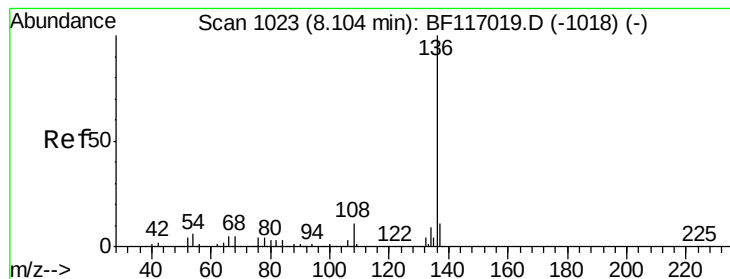
65 19.5 12.5 52.5

66 35.8 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117146.D

Acq: 18 Sep 2019 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 244415

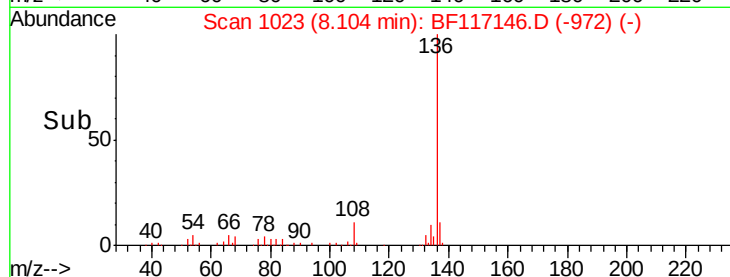
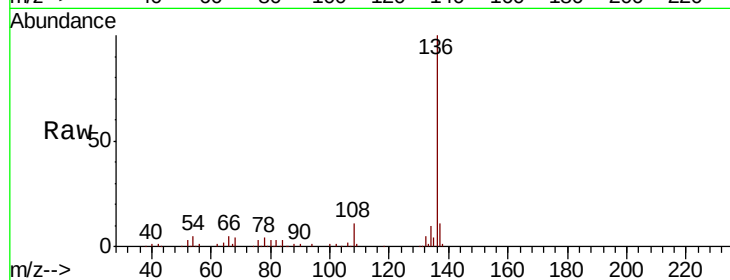
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.0 4.5 6.7

68 4.5 4.0 6.0

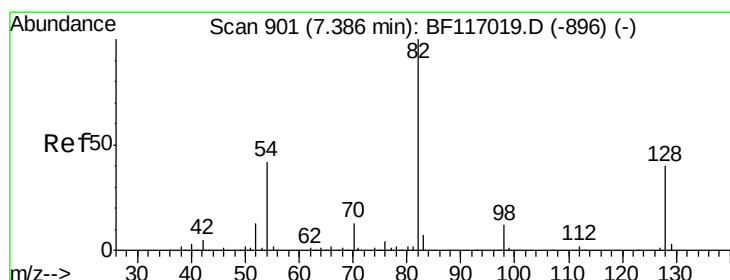
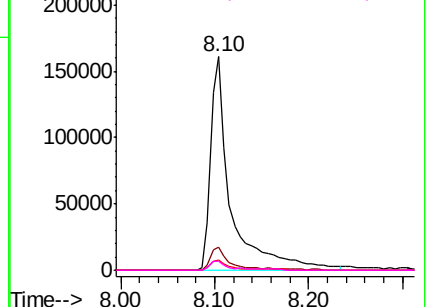


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 0.023 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.05 min

Lab File: BF117146.D

Acq: 18 Sep 2019 14:32

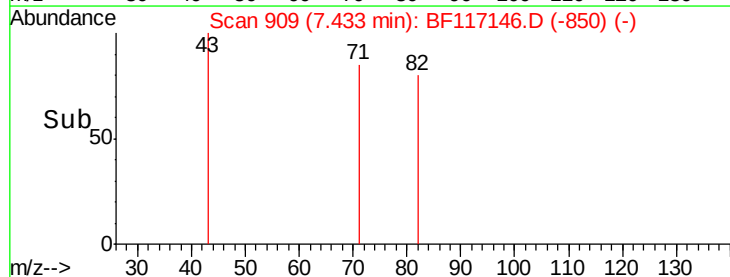
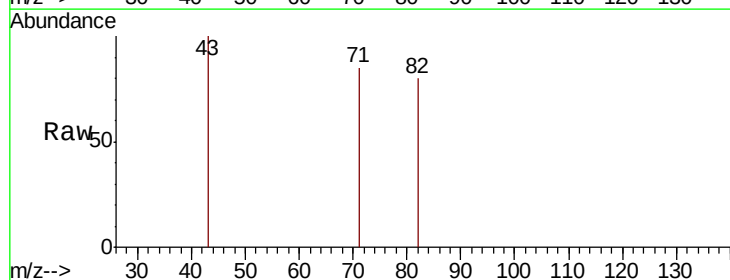
Tgt Ion: 82 Resp: 108

Ion Ratio Lower Upper

82 100

128 0.0 32.3 48.5#

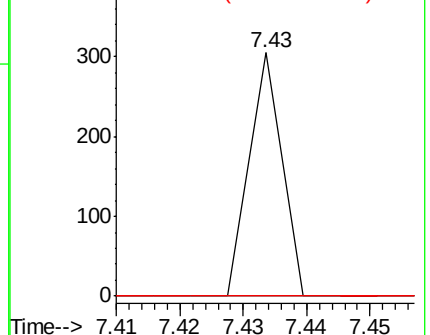
54 0.0 33.3 49.9#

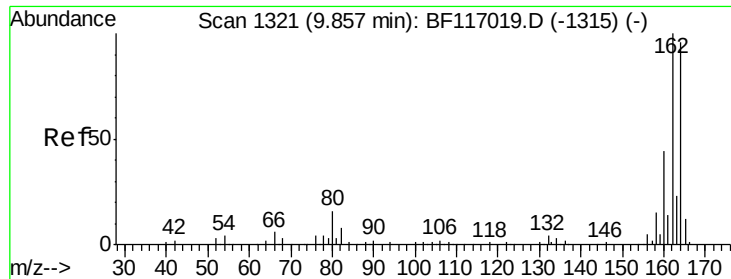


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117146.D

Acq: 18 Sep 2019 14:32

Instrument :

BNA_F

ClientSampleId :

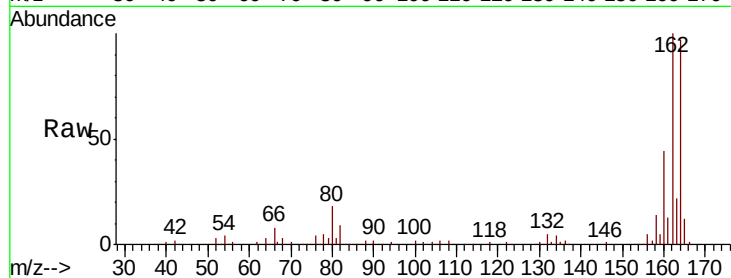
Tot Ion:164 Resp: 129426

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.2

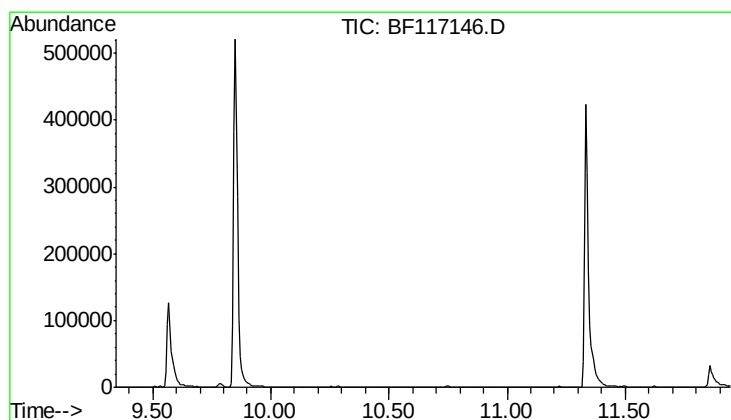
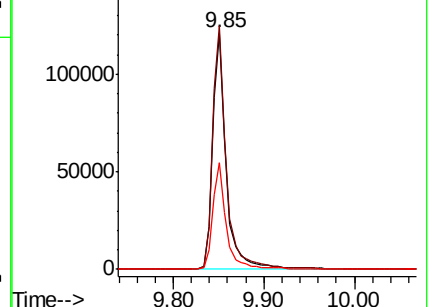
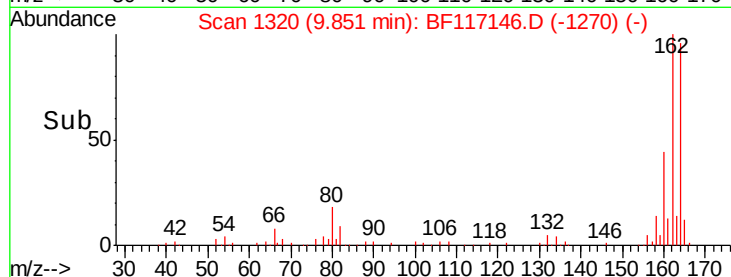
160 45.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.65 min

Lab File: BF117146.D

Acq: 18 Sep 2019 14:32

Tgt Ion: 330

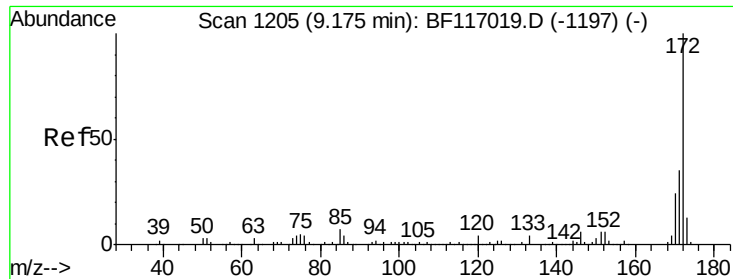
Sig Exp Ratio

330 100

332 97.5

141 44.7

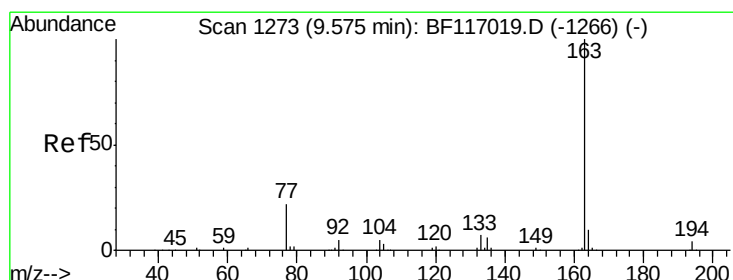
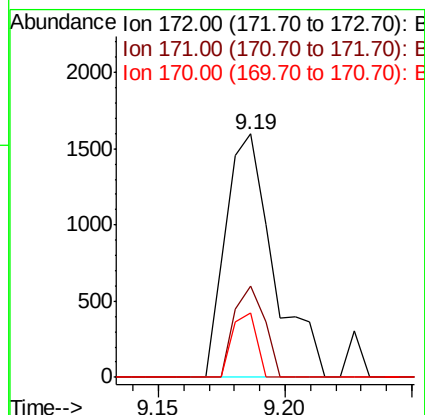
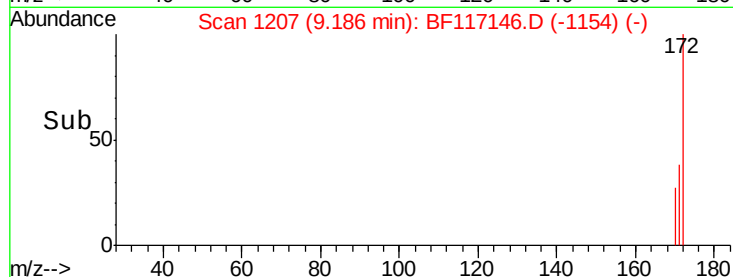
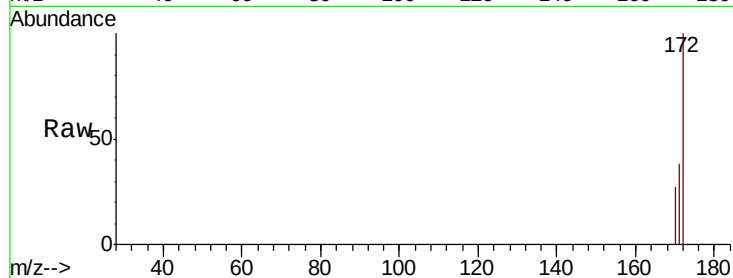




#45
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF117146.D
Acq: 18 Sep 2019 14:32

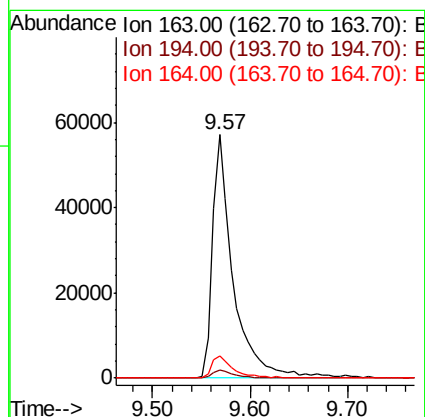
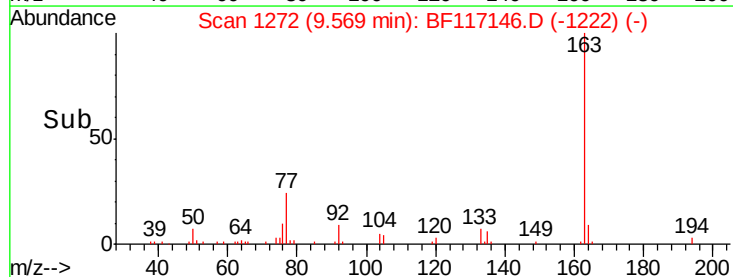
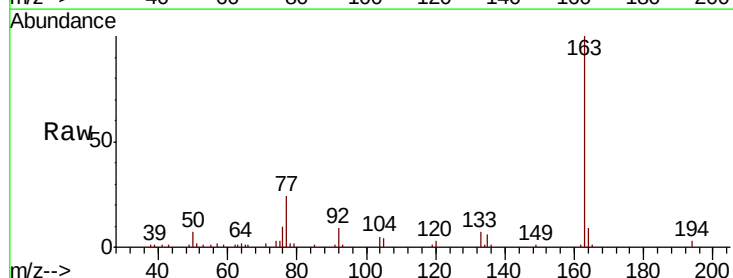
Instrument :
BNA_F
ClientSampleId :

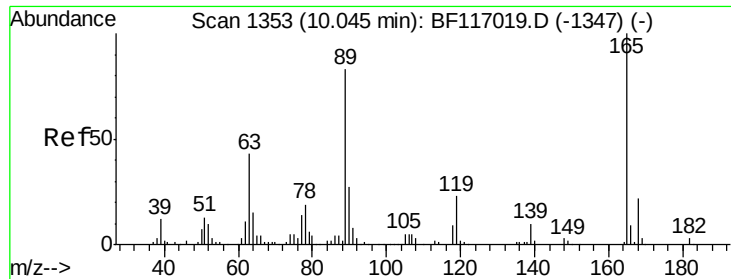
Tot Ion:172 Resp: 2105
Ion Ratio Lower Upper
172 100
171 37.6 28.2 42.2
170 26.6 18.9 28.3



#50
Dimethylphthalate
Concen: 9.163 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117146.D
Acq: 18 Sep 2019 14:32

Tgt Ion:163 Resp: 83973
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.4 8.2 12.4

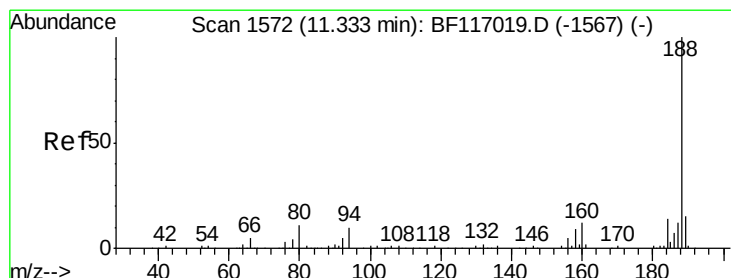
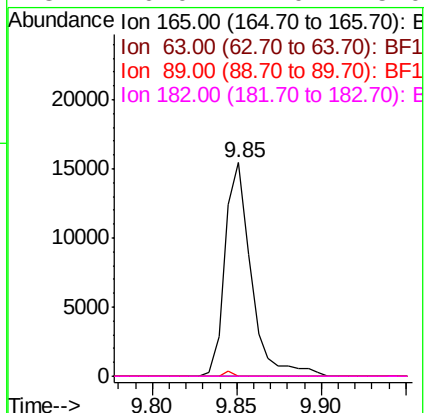
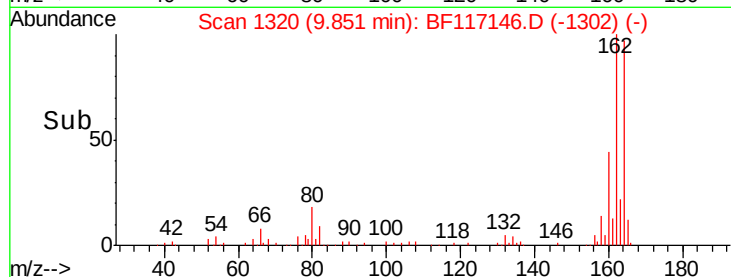
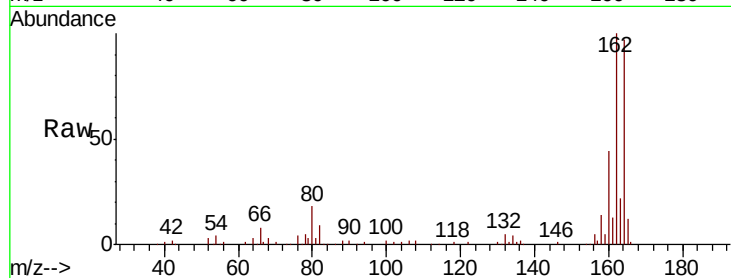




#57
 2,4-Dinitrotoluene
 Concen: 6.859 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117146.D
 Acq: 18 Sep 2019 14:32

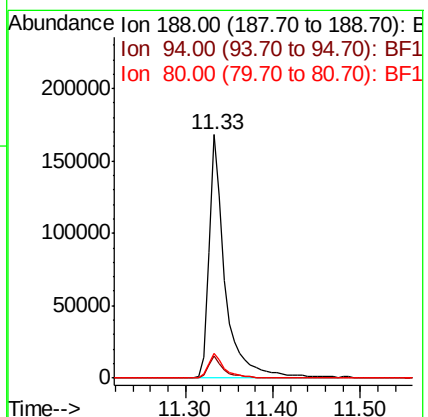
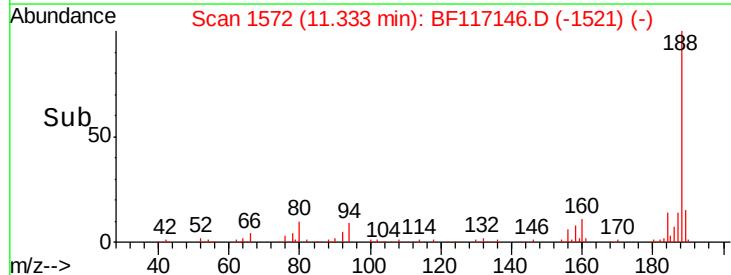
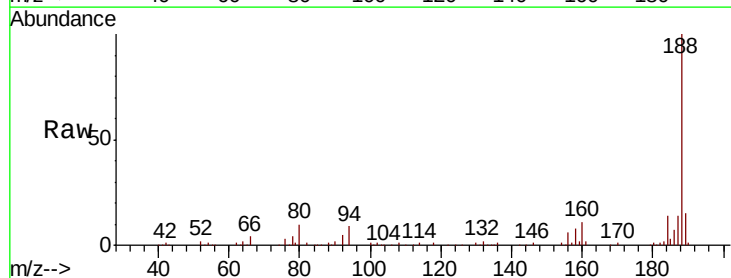
Instrument :
 BNA_F
 ClientSampleId :

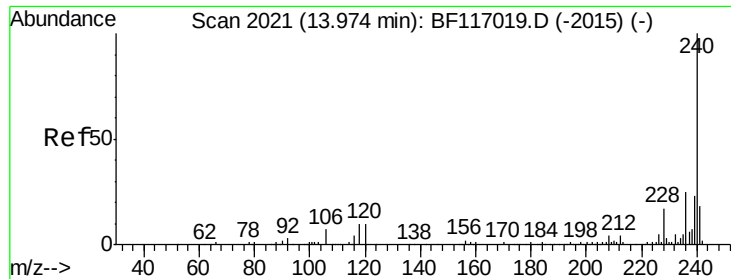
Tot Ion:	165	Resp:	16618
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117146.D
 Acq: 18 Sep 2019 14:32

Tgt Ion:	188	Resp:	215037
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.1	9.0	13.6

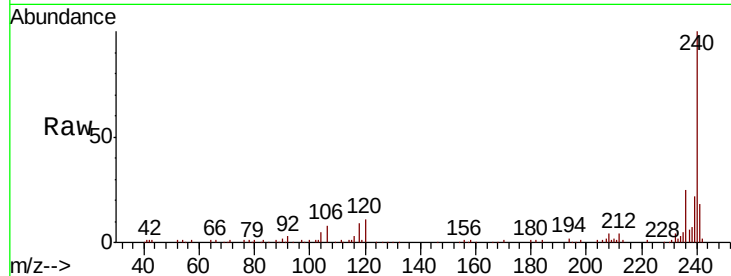




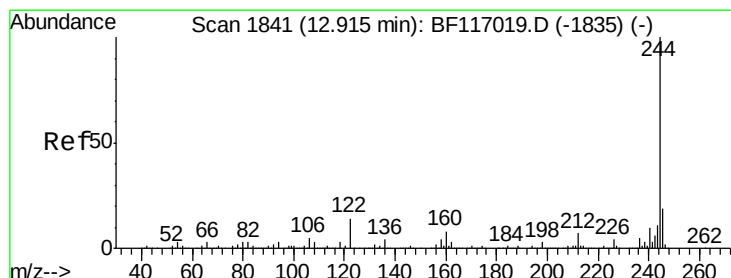
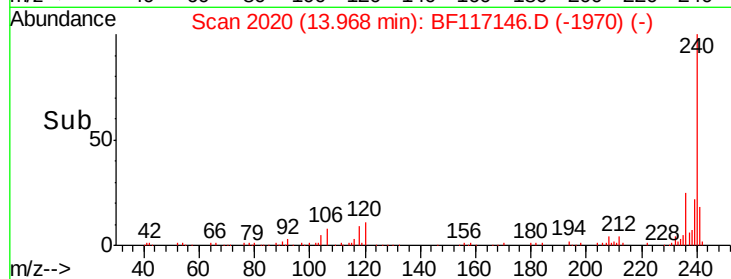
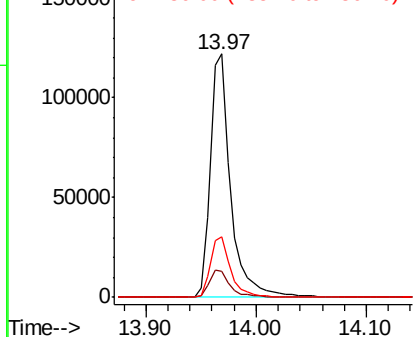
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117146.D
Acq: 18 Sep 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 152957
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 24.9 20.3 30.5

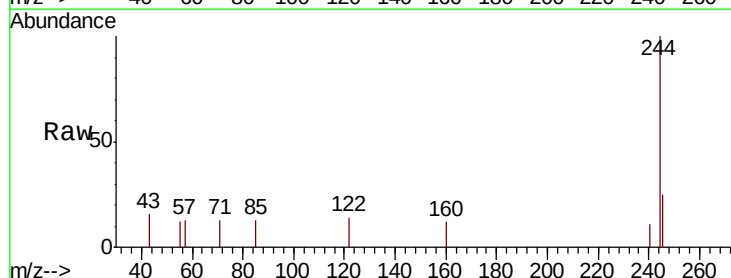


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

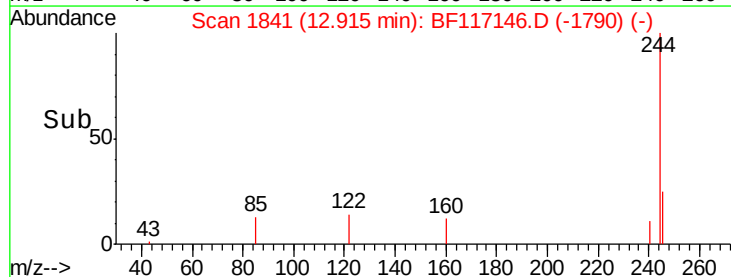
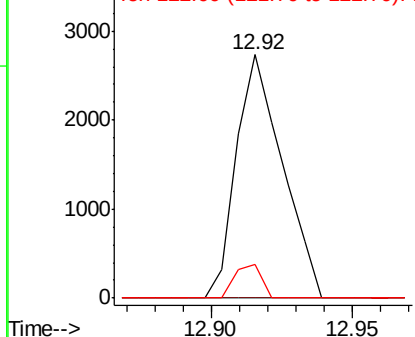


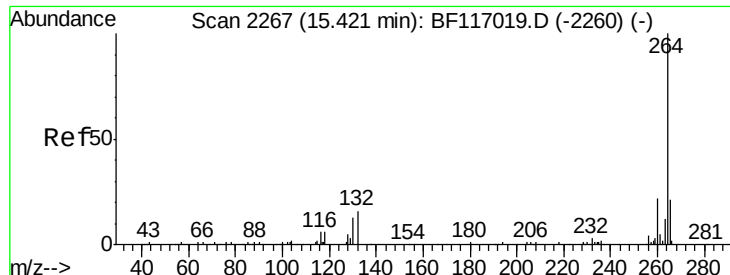
#79
Terphenyl-d14
Concen: 0.379 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117146.D
Acq: 18 Sep 2019 14:32

Tgt Ion:244 Resp: 3103
Ion Ratio Lower Upper
244 100
212 0.0 5.8 8.8#
122 13.6 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117146.D
 Acq: 18 Sep 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.6	26.4
265	21.2	16.6	24.8

